BRUHAT BANGALORE MAHANAGARA PALIKE

EXCECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

Name of work: Special Development Works At Mallasandra Colony School in Mallasandra Ward No. 13

JOB NUMBER.: SI-11 Est. Amount = 50.00 Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1(I.tm No.2.1, P.No.5, SR:2016 17)								
	Govt School								
	Levelling Site Area	Cum	1	65.00	70.00	0.40	1820.00		
	Toilet Building		1	3.45	6.75	0.40	9.32		
						Total Qty	1829.32	269.56	493110.15
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (I.tm No.2.4, P.No.5, SR:2016-17)								
	Govt School								
	Footing Foundation								
	F1	Cum	10	2.00	2.00	2.00	80.00		
	F2 (Toilet Building)		6	1.80	1.80	1.80	34.99		
	Truss Building		1	25.10	6.90	0.20	34.64		
	All Around Truss Area		1	65.00	0.20	0.40	5.20		
	Toilet Rooms		1	29.50	0.70	0.75	15.49		
						Total Qty	170.32		
	Deduction								
	Column		6	1.80	1.80	0.75	14.58		
						Total Qty	14.58		
						Total Qty	155.74	405.64	63173.36
3	KSRB 2.14-1: Extra for additional lift of 1.5m. or part thereof for excavation In loose / soft or hard rock including cost of materials, labour complete as per specifications, specification. No. KBS (I.tm No.2.22, P.No.7, SR:2016-17)								
	Govt School								
	F1	Cum	10	2.00	2.00	1.00	40.00		
	F2 (Toilet Building)		6	1.80	1.80	1.00	19.44		
						Total Qty	59.44	23.76	1412.29
4	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier underand around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7 (I.tm No.3.2, P.No.9, SR:2016-17)								
	Govt School								
	F1	Sqm	10	2.00	2.00		40.00		
	Wall (Toilet Building)		1	29.50	0.70		20.65		
	F2(Toilet Building)		6	1.80	1.80		19.44		
						Total Qty	80.09	111.24	8909.21
5	KSRB 2.8 : Providing and Filling in foundation with granite / trap cum broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead upto 50m.and lift of 1.5m,complete as per specifications, (PWP,IWTD) SR Bangalore Circle 2014. specification. No. KBS (I. No.-2.15. P. No.-06, SR:2016-17)								
	Govt School								
	F1(Toilet Building)	Cum	6	1.60	1.60	0.30	4.61		
						Total Qty	4.61	2283.12	10520.62

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
6	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.2, P.No.12, SR:2016-17)								
	Govt School	Cum							
	Footing Foundation								
	F1		10	2.00	2.00	0.15	6.00		
	F2 (Toilet Building)		6	1.80	1.80	0.15	2.92		
	Flooring								
	Room		1	7.30	6.40	0.15	7.01		
	Truss Building		1	25.08	6.90	0.10	17.30		
	All Around Truss Area		1	65.00	0.20	0.10	1.30		
	Wall (Toilet Building)		1	29.50	0.70	0.15	3.10		
						Total Qty	37.62	5449.68	205034.67
7	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (I.tm No.5.6, P.No.23, SR:2016-17)								
	Govt School	Cum							
	Foundation Below Ground Level								
	1st Step								
	Wall (Toilet Building)		1	30.50	0.50	0.30	4.58		
	2nd Step								
	Wall (Toilet Building)		1	31.50	0.30	0.30	2.84		
						Total Qty	7.41	4521.96	33507.72
8	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13) (I.tm No.5.9, P.No.23, SR:2016-17)								
	Govt School	Cum							
	Foundation Above Ground Level		1.00	32.00	0.20	0.40	2.56		
						Total Qty	2.56	5405.40	13837.82
9	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregtes @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications.Specification No. KBS Specification No. KBS 4.1,4.64.1,4.6(I.tm No.4.10, P.No.13, SR:2016-17)								
	Govt School	Cum							
	Column Footing		10	1.80	1.80	0.40	12.96		
	F1								
	Column Footing Pedestal		10	0.50	0.50	1.50	3.75		
	PF1		6	1.60	1.60	0.40	6.14		
	F2 (Toilet Building)		6	0.30	0.30	1.00	0.54		
	PF2 (Tilet Building)		6	0.15	0.20	0.85	0.15		
	Column up to Plinth		1	32.25	0.15	0.20	0.97		
	Plinth Beam		1	65.00	0.20	0.30	3.90		
	All Around Truss Area					Total Qty	28.41	6718.68	190907.93
10	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2016-17)								
	Govt School	Cum					85.16		
	50% of Total Earth Excavation					Total Qty	85.16	137.16	11680.37

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Sl No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
11	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications, specification. No. KBS 2.9.9/2.9.10.1/2.1.1 (I.tm No.2.12, P.No.6, SR:2016-17)								
	Govt School								
	Toilet Building	Cum	4	1.50	1.50	0.75	6.75		
			2	3.12	1.50	0.75	7.01		
						Total Qty	13.76	274.32	3774.30
12	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm cum and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets Etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, specification No. KBS 4.t, 4.6 (I.tm No.4.12, P.No.13, SR:2016-17)								
	Govt School								
	Proposed Room and Stair Room and Corrider								
	Lintal beam		1	31.30	0.23	0.15	1.08		
	Roof Slab		1	9.95	8.95	0.15	13.36		
	C (Toilet Building)		6	3.00	0.15	0.20	0.54		
	Lintel Beam (Tiolet Building)	Cum	1	19.80	0.15	0.15	0.45		
	Roof Beam (Toilet Building)								
	B1		7	3.30	0.15	0.25	0.87		
	Roof Slab		1	6.60	3.15	0.15	3.12		
						Total Qty	19.41	6876.36	133456.22
13	KSRRB M1100-5. Driven Vertical Steel Piles as per Drawing and & Technical Specification complete as per specifications. Section of the pile =H Section steel column 400 x 250 mm (ISHB Series) MORTH Specification No.1100 & 1900 (I. No.- 25.16, P.No.- 199, SR: 2016-17)								
	Govt School								
	Truss Column	M							
	C1		10	7.50			75.00		
						Total Qty	75.00	6217.56	466317.00
14	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (I.tm No.4.19, P.No.14, SR:2016-17)								
	Govt School								
	Chajja	CUM	2	1.30	0.60	0.2	0.31		
	Door D		3	1.80	0.60	0.2	0.65		
	Windows W	Sqm							
	Toilet Building		2	1.20	1.00	0.2	0.48		
	Door D1		3	1.20	0.80	0.2	0.58		
	D2		4	1.00	0.60	0.2	0.48		
	Ventilator V					Total Qty	2.50	492.48	1229.23
15	Providing RCC loft (atta) 7.5cms thick with cement concrete design sqm mix M20 using clean granite or trap jeiiy of 20mm and down size with necessary reinforcements at 20cms centre to centre as per design including form work, centring, curing, etc., complete (exclusive of cost of steel and fabrication charges). (I.tm No.4.54, P.No.19, SR:2016-17)								
	Govt School	CUM							
	Proposed Room	Sqm	1	10.25	0.60	0.10	0.62		
						Total Qty	0.62	486.00	298.89
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.6, P.No.12, SR:2016-17)								
	Govt School								
	Cills		3	1.50	0.23	0.05	0.05		
	Windows W	Cum							
	Toilet rooms		4	1.00	0.15	0.05	0.03		
	Ventilator V					Total Qty	0.08	5876.28	480.39

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
17	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I.tm No.4.28, P.No.15, SR:2016-17)								
	Govt School								
	For Footing								
	F	Sqm	10	7.50		0.40	30.00		
	F1 (Toilet Building)		6	6.60		0.40	15.84		
	Column Footing Pedestal								
	PF		10	2.00		1.60	32.00		
	PF1 (Toilet building)		6	1.00		0.60	3.60		
						Total Qty	81.44	249.48	20317.65
18	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.32, P.No.16, SR:2016-17)								
	Samudaya Bhavana								
	Toilet Building	Sqm							
	C		6	1.00		3.00	18.00		
						Total Qty	18.00	395.28	7,115.04
19	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 (I.tm No.4.18, P.No.15, SR:2016-17)								
	Govt School								
	Lintel	Sqm	2	31.30		0.30	18.78		
	Roof Slab		1	9.95	8.95		89.05		
	Toilet Building								
	Plinth Beam		2	22.95		0.40	18.36		
	B (Roof Beam)		7*2	3.30		0.30	13.86		
	Lintel		2	19.80		0.30	11.88		
	Roof Slab		4	1.50	1.50		9.00		
			2	3.15	1.50		9.45		
						Total Qty	170.38	338.04	57,596.10
20	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.36, P.No.16, SR:2016-17)								
	Govt School								
	Cills								
	Windows W		3	1.50		0.16	0.72		
	Toilet Building								
	Ventilator V		4	0.80		0.30	0.96		
		Sqm							
	Roof Edges								
	Roof Slab Edges		1	37.80		0.16	6.05		
	Toilet Building		1	20.40		0.16	3.26		
						Total Qty	10.99	732.24	8,048.78
21	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.37, P.No.16, SR:2016-17)								
	Govt School								
	Chajja								
	Door D		2	1.30	0.60		1.56		
	Windows W		3	1.80	0.60		3.24		
	Toilet Building								
	Door D1		2	1.20	0.60		1.44		
	D2		3	1.00	0.60		1.80		
	Ventilator V	Sqm	4	0.90	0.60		2.16		
	Chajja Side								
	Door D		2	2.70		0.15	0.81		
	Windows W		3	3.00		0.15	1.35		
	Toilet Building								
	Door D1		4	2.70		0.15	1.62		
	D2		6	2.70		0.15	2.43		
	Ventilator V		8	0.15		0.6	0.72		
						Total Qty	17.13	291.60	4,995.11

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
22	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500 (I.tm No.4.46.2, P.No.17, SR:2016-17)								
	Govt School								
	Steel								
	For One Cum 130Kgs Qty Item No 9	Tonne	1		3.69		3.69		
	For One Cum 130Kgs Qty Item No 12		1		2.52		2.52		
	For One Cum 60Kgs Qty Item No 13		1		0.15		0.15		
						Total Qty	6.37	65455.56	416734.72
23	KSRB 6-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation S.ONewton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructu/re including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 (Item No.6.6, Page No.27, SR: 2016-17)								
	Govt School								
	Proposed Room Wall	Cum	1	21.00	0.23	3.50	16.91		
	Stair Room		1	11.25	0.23	3.50	9.06		
	Parapet Wall		1	67.74	0.15	0.75	7.62		
	Column For Front Room		4	0.23	0.23	3.50	0.74		
	Toilet Building								
	Wall		1	32.25	0.15	2.75	13.30		
						Total Qty	47.63		
	Deduction								
	Door D		2	1.00	0.23	2.10	0.97		
	Windows W		3	1.50	0.23	1.50	1.55		
	Toilet Building								
	Column		6	0.15	0.25	2.75	0.62		
	Door D1		2	1.00	0.15	2.10	0.63		
	D2		3	0.80	0.15	2.10	0.76		
	Ventilator V		4	0.60	0.15	0.45	0.16		
						Total Qty	4.69		
						Total Qty	42.94	7219.80	310021.64
24	KSRB 9.4-4 - do - White Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (I.tm No.9.1.13, P.No.51, SR:2016-17)								
	Govt School								
	Frame								
	Door D	Cum	2	7.00	0.15	0.10	0.21		
	Toilet Building								
	Door D1		2	7.00	0.15	0.10	0.21		
	D2		3	6.50	0.15	0.10	0.29		
						Total Qty	0.71	69034.68	49,187.21
25	KSRB 9-13-1: Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, 9.26.4 (I.tm No.9.34, P.No.53, SR:2016-17)								
	Govt School								
	Shutter								
	Door D	Sqm	2	1.00		2.10	4.20		
	Toilet Building								
	Door D1		2	1.00		2.10	4.20		
	D2		3	0.80		2.10	5.04		
						Total Qty	13.44	3889.08	52269.24

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
26	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raui plugs, or teak wood gatties including cutting masonry or concrete and making good the originai surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. (I.tm No.7.10.2, P.No.33, SR:2016-17)								
	Govt School								
	Windows W	Sqm	3	1.50		1.50	6.75		
	Ventilator V		4	0.60		0.45	1.08		
						Total Qty	**7.83**	**4209.84**	**32963.05**
27	KSRB 7.9 : Providing and fixing M.S.grill work for windows and Kgs ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (I.tm No.7.9, P.No.32, SR:2016-17)								
	Govt School								
	Windows W	Kgs	3	1.50		1.50	6.75		
	Total Qty in kgs (qty in Sqm *21 kg/sqm)						**6.75**		
						Total Qty	**141.75**	**84.24**	**11941.02**
28	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.19, P.No.114, SR:2016-17)								
	Govt School								
	Out Side								
	Floor to Top Roof Level								
	Proposed room		1	26.70		4.00	106.80		
	Column For Front Room		4	0.95		3.50	13.30		
	Parapet Wall		2	68.04		0.80	108.86		
	Chajja								
	Door D		2	1.30	0.60		1.56		
	Windows W		3	1.80	0.60		3.24		
	Chajja Side								
	Door D		2	2.70		0.15	0.81		
	Windows W		3	3.00		0.15	1.35		
	Toilet Building								
	Wall	Sqm	1	20.40		3.3	67.32		
	Chajja								
	Door D1		2	1.00		0.15	0.30		
	D2		3	0.80		0.15	0.36		
	Ventilator V		4	0.60		0.15	0.36		
						Total Qty	**304.26**		
	Deduction								
	Door D		2	1.00		2.10	4.20		
	Windows W		3	1.50		1.20	5.40		
	Toilet Building								
	Door D1		2	1.00		2.10	4.20		
	D2		3	0.80		2.10	5.04		
	Ventilator V		4	0.60		0.45	1.08		
						Total Qty	**19.92**		
						Total Qty	**284.34**	**252.72**	**71859.42**
29	KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification (I.tm No.15.16, P.No.114, SR:2016-17)								
	Govt School								
	Inside								
	Proposed room		1	20.83		3.50	72.89		
	Stair Room		1	11.10		3.50	38.85		
	Parapet Wall		1	67.74		0.70	47.42		
	Toilet Building								
	Rooms		3	6.00		3.00	54.00		
	Passage		1	6.60		3.00	19.80		
	Urinals		1	4.50		3.00	13.50		
		Sqm				**Total Qty**	**246.46**		

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Deduction								
	Door D		2	1.00		2.10	4.20		
	Windows W		3	1.50		1.50	6.75		
	Toilet Building								
	Door D1		2	1.00		2.10	4.20		
	D2		3	0.80		2.10	5.04		
	Ventilator V		4	0.60		0.45	1.08		
						Total Qty	21.27		
						Total Qty	225.19	238.68	53747.28
30	KSRB 15-3-13 : Providing 12mm thick cement piaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.21, P.No.114, SR:2016-17)								
	Govt School								
	Roof Slab								
	Proposed room	Sqm	1	9.95	8.95		89.05		
	Toilet Building								
	Rooms		3	1.50	1.50		6.75		
	Passage		2	3.15	1.50		9.45		
	Urinals		1	1.50	1.65		2.48		
						Total Qty	107.73	208.44	22454.72
31	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specificationsusing silver grey granite / Multy Red / Ruby Red I Black / Hassan SqmGreen Granite of width not less than 1200mm (I.tm No.14.47.1, P.No.107, SR:2016-17)								
	Govt School								
	Proposed room	Sqm	1	7.23	6.38		46.06		
	Skirting								
	Proposed room		1	27.20		0.15	4.08		
						Total Qty	50.14		
	Deduction								
	Door D		1	1.00		0.15	0.15		
						Total Qty	0.15		
						Total Qty	49.99	2828.52	141395.95
32	KSRB 14.10-2: Flooring with 20 mm thick polished shahabad slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS (I. No.- 14.16, P. No.- 103)								
	Govt School								
	Proposed Truss Area	Sqm	1	25.08	6.90		173.02		
						Total Qty	173.02	1294.92	224043.82
33	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick t| base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification. (I.tm No.7.29, P.No.40, SR:2016-17)								
	Govt School						Constrant	Qty	
	Roof								
	100mm SHSTabular Top & Bottom		2*5	7.50			14.20	1065.00	
	80mm SHS Cross bracing		5*15	1.00			9.22	691.50	
	100mm SHS Perline		1*14	25.08			13.91	4883.11	
	Plates	Kgs	5*2	0.30	0.15	0.012	7850.00	42.39	
	Bearing Plates		1*10	0.45	0.30	0.012	7850.00	127.17	
	Nut & Bolts Lump Sum			######				1350.00	
								8159.17	
						Total Qty	8159.17	118.80	969308.86

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Sl. No.	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
34	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550mpa steel grade, 5-7 microns. (I.tm No.38.30, P.No.300, SR:2016-17)								
	Govt School								
	Roof Area	Sqm	1	25.08	7.00		175.53		
						Total Qty	175.53	831.60	145966.59
35	FIXTURS								
	Govt School								
	0179 Handles to full width 2m long	Each	2				2	1090.80	2,181.60
	0188 Hinges 5" heavy duty		20				20	39.96	799.20
	0427 Tower bolt 300 mm long		16				16	129.60	2,073.60
	Providing Screws		25				25	3.24	81.00
	0220 Locking arrangements		2				2	702.00	1,404.00
36	Providing and fixing M.S. Hand railing for Balcony/Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervalsof 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, weided and grinded wherever necessary etc., complete . The work includes cost of ail materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.(P.No-42 ,I No-7.35 of KPWD S.R 2016-17)								
	Govt School								
	Hand Railing								
	Corridor	Sqm	1	22.54		1.00	22.54		
	Stair Case		2	2.00		1.00	4.00		
						Total Qty	26.54	2857.68	75,842.83
37	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.(I.tm No.15.33, P.No.115, SR:2016-17)								
	Govt School								
	Wall As Per qty of Internal Plastering	Sqm					225.19		
	Celling As Per qty of Cilling Plastering						107.73		
						Total Qty	332.91	27.00	8988.65
38	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered - (a) 100% for fresh surface (b) Upto 10 % for repainting(I.tm No.15.106, P.No.126, SR:2016-17)								
	Govt School								
	Wall As Per qty of Internal Plastering	Sqm					225.19		
	Celling As Per qty of Cilling Plastering						107.73		
						Total Qty	332.91	60.48	20134.58
39	KSRB 15-15.1 : Providing and applying painting with primer in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P.No-117 ,I No-15.51.2 of KPWD S.R 2016-17)								
	Govt School								
	Inside Wall and Celling								
	Wall As Per qty of Internal Plastering	Sqm					225.19		
	Celling As Per qty of Cilling Plastering						107.73		
						Total Qty	332.91	97.20	32,359.14
40	KSRB 15-15.2 : Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications.(P.No-117 ,I No-15.51.3 of KPWD S.R 2016-17)								
	Govt School								
	Inside Wall and Celling								
	Wall As Per qty of Internal Plastering Item No 34	Sqm					225.19		
	Celling As Per qty of Cilling Plastering Item No 35						107.73		
						Total Qty	332.91	4.32	1,438.18

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
41	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges (Item No.15.105, Page No.125, SR: 2016-17)								
	Govt School								
	Out side Wall								
	Wall As Per qty of Out Side Plastering	Sqm					284.34		
						Total Qty	284.34	375.84	106867.85
42	KSRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specifications. (P.No- 119,It. No-15.95 of KPWD S.R 2016-17)								
	Govt School								
	Priming Coat For Door and Windows								
	New Shutter								
	Door D	Sqm	2	1.00		2.10	4.20		
	Frame								
	Door D		2	7.00		0.50	7.00		
						Total Qty	11.20	44.28	495.94
43	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials,labour, complete as per specifications.(P.No-119 ,I No-15.60.1 of KPWD S.R 2016-17)								
	Govt School								
	Painting Coat For Door and Windows								
	New Shutter								
	Door D	Sqm	2	1.20		2.10	5.04		
	Frame								
	Door D		2	6.20		0.50	6.20		
						Total Qty	11.24	90.72	1,019.69
44	KSRB 15-17.8 : Extra over Item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering includingcost of materials, labour, complete as per specifications. (Item No.15.60.2, Page No.119, SR: 2016-17)								
	Govt School								
	Painting Coat For Door and Windows								
	As Per Qty of Item Wood Painting	Sqm					11.24		
						Total Qty	11.24	51.84	582.68
45	KSRB 15-17.12: Providing and applying polishing with french polish on new wood surface and / or wood based surface to give an even surface after cleaning the surface of all dirt, dust and foreign matter, sand papered smooth, including cost of wood filler and materials, labour, complete as per specifications.(P.No-120 ,I No-15.64.1 of KPWD S.R 2016-17)								
	Govt School								
	New Shutter								
	Door D	Sqm	1	1.00		2.10	2.10		
	Frame								
	Door D		3	6.20		0.50	9.30		
						Total Qty	11.40	145.80	1,662.12
46	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per pecifications.								
	Govt School								
	Truss Column Painting	Sqm	10*2	0.40		7.50	60.00		
			10*2	0.25		7.50	37.50		
						Total Qty	97.50	31.32	3,053.70

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
47	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.								
	Govt School	Sqm	10*2	0.40		7.50	60.00		
	Truss Column Painting		10*2	0.25		7.50	37.50		
						Total Qty	97.50	88.56	8,634.60
	Electricals Work for School Building								
48	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.19/20mm dia 2mm thick(P.No-2 ,I No-1.2.1 of PWD S.R 2014-15)								
	PVC conduit pipe 9/20mm	Rmt	1	40.0			40.00	43.0	1,720.00
49	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.a)25mm dia 2 mm thick(P.No-2 ,I No-1.2.2 of PWD S.R 2014-15)								
	PVC conduit pipe 25mm	Rmt	1	40.0			40.00	57.0	2,280.00
50	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.19/20mm dia 2mm thick (P.No-2 ,I No-1.3.1 of PWD S.R 2014-15)								
	PVC conduit pipe 9/20mm	Rmt	1	25.0			25.00	56.0	1,400.00
51	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2.mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.a)25mm dia 2 mm thick (P.No-2 ,I No-1.3.2 of PWD S.R 2014-15)								
	PVC conduit pipe 25mm	Rmt	1	25.0			25.00	58.0	1,450.00
52	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 32mm dia 2.5mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.32mm dia 2.5 mm thick(P.No-2 ,I No-1.3.3 of PWD S.R 2014-15)								
	PVC conduit pipe 32mm	Rmt	1	25.0			25.00	88.0	2,200.00
53	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of (,I No-2.5 of PWD S.R 2014-15)								
	Group-A.	Rmt							
	1.0 Sqm		1	80.0			80.00	13.0	1,040.00
	1.5Sqm		1	150.0			150.00	18.6	2,790.00
	2.5Sqm		1	130.0			130.00	29.2	3,796.00
	4.0Sqm		1	100.0			100.00	42.1	4,210.00
	10.0Sqm		1	60.0			60.00	108.0	6,480.00
54	Point wiring using Copper wire without switch.Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose lenght in a wood/PVC round block. complete for each outlet.(5/2.3)(,I No-2.3 Pg No. 5of PWD S.R 2014-15)								
	Using class A materials	Each Point							
	Short point up to 3mtrs from tapping point to out let via switch		1	2.00			2.00	144.00	288.00
	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch		1	2.00			2.00	215.00	430.00
	Long point a above 6mtr up to 10mtr from tapping point to out let via switch		1	2.00			2.00	334.00	668.00

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
55	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC60898.5-32Amps DP								
	5-32Amps DP MCB (,I No-6.15.5 of PWD S.R 2014-15)	Nos	1	2.00			2.00	849.0	1,698.00
	5-32Amps SP MCB (,I No-6.15.1 of PWD S.R 2014-15)		1	2.00			2.00	418.0	836.00
	32-40A FP ELMCB (,I No-6.17.3 of PWD S.R 2014-15)		1	2.00			2.00	2936.0	5,872.00
	16-25A DP ELMCB (,I No-6.17.1 of PWD S.R 2014-15)		1	2.00			2.00	2412.0	4,824.00
56	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure,III-Single Door.Group A12Way SP &N (,I No-6.16.13 of PWD S.R 2014-15)								
	MCB distribution boards	Nos	1				1.00	1047.0	1,047.00
57	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc., complete: Double door: 6 way TP &N , Group (A)(,I No-6.16.15 of PWD S.R 2014-15)								
	MCB distribution boards	Nos	1				1.00	2867.0	2,867.00
58	Supply and fixing of bakelite D.P/Socket/ switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 Group-A.32Amps Flush/projected types DP switch								
	Group-A								
	Electronic stepped regulator (,I No-3.7.11 of PWD S.R 2014-15)	Nos	1	4.00			4.00	211.0	844.00
59	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plateas per IS 3854 and IS 1293 Group "A" materials k) TV/Telephone socket (8/18)(,I No-9.1 of PWD S.R 2014-15)								
	modular switch	Nos	1	2.00			2.00	82.0	164.00
60	Supplying and fixing a drop light one PBBC/bakelite pendent holder,PVC insuleated twin twisted copper wire of 10/0.3mm length upto 1000 mm,one of 60/100 watts lamp of 230 volts grade and one of 5 amps bakelite ceiling rose fixed on the existing wooden block of the outlet Group- A (Page No - 20 ,I No-4.2.1 of PWD S.R 2014-15)								
	drop light	Nos	1	5.00			5.00	121.0	605.00
61	Supplying and fixing PBBC bakelite straight or slant batten holder and wiring within 60w/230 volts Lamps- Group "A" (Page No - 109 ,I No-16.2.1 of PWD S.R 2014-15)								
	PBBC bakelite straight	Nos	1	5.00			5.00	88.0	440.00
62	Supply patti type fluorescent tube light fitting of 4'- 28 watts fluorescent tube fitting, made out of M.S sheet and stove enameled with HF Electronic Ballast,locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 Volts A C Supply including T5 lamp Group - A(Page No - 21,I No-4.11.1 of PWD S.R 2014-15)								
	fluorescent tube light	Nos	1	4.00			4.00	669.0	2,676.00
63	Supplying of recessed/surface mount aesthetic 2'x2' modular luminaries made out of single piece powder coated CRCA sheet steel accommodating all electrical accessories like Energy Saving Electronic Ballast suitable to operate on 230V 50Hz AC supply with 2x36Watts PLL-compact fluorescent lamp, pre-wired up to terminal block with bright anodized aluminum reflector & P5 paralite louvers with spring loaded plastic toggles complete.2x36 Watts Group - A(Page No - 114, I No-17.7.1 of PWD S.R 2014-15)								
	surface mount aesthetic	Nos	1	4.00			4.00	4755.0	19,020.00
64	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved. 48" Sweep (1400mm) a.Regular model (23/23)(Page No - 11, I No-32 of PWD S.R 2014-15)								
	ceiling fan	Nos	1	2.00			2.00	2500.0	5,000.00

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
65	Supply and fixinjg metal fan box with round hook(Page No - 115, I No-17.9 of PWD S.R 2014-15)								
	metal fan box	Nos	1	2.00			2.00	72.0	144.00
66	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate.. Is 3854 and IS 1293. (16/3.7) (Page No - 16, I No-3.7of PWD S.R 2014-15)								
	6Amps SP Switch (I No-3.7.1 of PWD S.R 2014-15)	Nos	1	2.0			2.00	63.0	126.00
	6Amps 3way 5 pin socket (I No-3.7.3 of PWD S.R 2014-15)		1	2.0			2.00	95.0	190.00
	16Amps SP Switch (I No-3.7.7 of PWD S.R 2014-15)		1	2.0			2.00	114.0	228.00
	16Amps 3way 5 pin Socket (I No-3.7.10 of PWD S.R 2014-15)		1	2.0			2.00	147.0	294.00
	32Amps Flush/projected types DP switch (I No-3.7.9 of PWD S.R 2014-15)		1	2.0			2.00	164.0	328.00
67	Supplying and flush mounting powder coated metal / galvanised metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (15/3.5)(I No-3.5of PWD S.R 2014-15)								
	1-3Way(I No-3.5.1of PWD S.R 2014-15)	Each	1	2			2.00	91.00	182.00
	4-5Way (I No-3.5.2of PWD S.R 2014-15)		1	2			2.00	98.00	196.00
	6Way (I No-3.5.3of PWD S.R 2014-15)		1	2			2.00	121.00	242.00
	8Way (I No-3.5.4of PWD S.R 2014-15)		1	2			2.00	140.00	280.00
	10-12Way (I No-3.5.5of PWD S.R 2014-15)		1	2			2.00	159.00	318.00
	16Way (I No-3.5.6of PWD S.R 2014-15)		1	1			1.00	172.00	172.00
68	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(15/16/3.6) (I No-3.6of PWD S.R 2014-15)								
	1 to 3 Module (I No-3.6.1of PWD S.R 2014-15)	Each	1	10			10.00	82.00	820.00
	4Moudule (I No-3.6.2 of PWD S.R 2014-15)		1	4			4.00	100.00	400.00
	6Moudule (I No-3.6.3 of PWD S.R 2014-15)		1	4			4.00	125.00	500.00
	8Moudule (I No-3.6.4 of PWD S.R 2014-15)		1	2			2.00	175.00	350.00
	10Moudule (I No-3.6.5 of PWD S.R 2014-15)		1	2			2.00	210.00	420.00
	12Moudule (I No-3.6.6 of PWD S.R 2014-15)		1	3			3.00	230.00	690.00
69	Supplying and fixing PVC/metal conduit accessories.(2/1.5)(I No-1.5of PWD S.R 2014-15)								
	deep junction box								
	19/20mm junction box(I No-1.5.1of PWD S.R 2014-15)	Each	1	50			50.00	47.00	2,350.00
70	Supplying and fixing of class A (medium duty)GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arraingements for UG cable of 1.1KV class.40mm(I No-7.1 of PWD S.R 2014-15)								
	GI pipe	Rmt	1	25			25.00	345.00	8,625.00
71	Spplying, fixing ,wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40mm dia 2.9mm thick GI pipe 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connectionh from the pipe to the conduit etc, is to be established through GI wire of size as per ISI Specification 7.3.3. of IS 732 using 12mm dia bolts, nuts,wahers anfd check nuts etc,the pipe shall have 16 through hole of 122 mm dia(68/1)(I No-7.22.3 of PWD S.R 2014-15)								
	wiring	Nos	1	2			2.00	2727.00	5,454.00
72	Suppling and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps,nails,guttas/spacers. GI Wire c) 8SWG(I No-81of PWD S.R 2014-15)								
	GI/Copper conductor	Rmt	1	30			30.00	19.50	585.00
73	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes.2.5sqmm.(Page No. 70, I No-7.21.8of PWD S.R 2014-15)								
	copper lugs crimping	Nos	1	5			5.00	3.12	15.60
74	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes.-35Sqmm Long Barrel(PageNo. 66, I No-12of PWD S.R 2014-15)								
	copper lugs crimping	Nos	1	4			4.00	35.72	142.88

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(22) Detailed Estimate

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
75	Supplying surface mounted type mirror optic luminaries for single/Twin 28watts fluorescent lamps cross rising of stove enameled deep coloured M.S.low profile housing complete with all accessories and high purity anodized aluminum reflector assembling along with cross louvers including necessary fluorescent tubes with Energy Saving Electronic Ballast. (21/4.9)(I No-4.9of PWD S.R 2014-15)								
	2x4'-28 Watts								
	Group 'A'(I No-4.9.3 of PWD S.R 2014-15)	Each	1	3			3.00	4028.00	12,084.00
	2x4'-28 Watts								
	Group 'A'(I No-4.9.1 of PWD S.R 2014-15)		1	3			3.00	2743.00	8,229.00
76	Supply box type suitable for 20W T5 single/twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holder & main connectores. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enamelled whith end caps made of engineering plastic. (20/4.7)(I No-4. 7 of PWD S.R 2014-15)								
	1x4'-28 Watts(I No-4.7.1 of PWD S.R 2014-15)	Each	1	4			4.00	990.00	3,960.00
77	Supplying CFL mirror light fitting with 2x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC (25/4.25)(I No-4.23 of PWD S.R 2014-15)								
	Group 'A'(I No-4.23.1 of PWD S.R 2014-15)	Each	1	2			2.00	648.00	1,296.00
								Total Constrution cost	46,28,502.22
								Design Report,Proof Checking & PMC Amount	92,570.04
								Tender Premium 6%	2,77,710.13
								Sub Total	49,98,782.40
								Miscellaneous & Rounding Off	1,217.60
								Grand Total	50,00,000.00

Certificate:-

1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS * BANGALORE-90 *

Consultants
For Sri Sai Consultants

Assistant Engineer
~~Ward No 13~~
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

ಸಂ: 43/17-18 ದಿನಾಂಕ: 20/12/2017
ರೂ: 50,00,000/- (Fifty Lakh) only
ಗಣ ಮೊದಲು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ.

ಸಂ. CE/DS/379/17-18 ದಿನಾಂಕ : 21/12/2017
ರೂ. Rs. 50.00 Lakh only/-
ಮೊದಲು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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